

**AGENCY REQUEST FOR  
A/E SELECTION COMMITTEE ACTION  
October 2016**

**AGENCY:** Department of Natural Resources

DNR Contact: Glen Clickner, 608.267.4585/glen.clickner@wisconsin.gov

**LOCATION:** Princeton Lock and Dam, Town of Princeton, Green Lake County

**PROJECT REQUEST:** Select an A/E consulting firm to provide design and construction phase professional services associated with the design and construction of Princeton Lock and Dam Renovation in the Town of Princeton, WI.

**PROJECT NUMBER:** 16H2J

**PROJECT DESCRIPTION:** The project consists of the placement of rip rap downstream of the dam to reduce the downstream hydraulic, replacement of the flashboard system with a raised fixed crest, and construction of a fish passage structure within the dam's left abutment. Additional improvements include removal of trees and brush adjacent to the dam and lock dry masonry, installation of new gates, gate frames, and actuators, reconstruction of lock gate structure access steps, relocation of the gate operations panel, replacement of the wooden gateway decking with steel grating, and additional security fencing.

**JUSTIFICATION:** Operation of the Princeton Dam in its current configuration presents a significant safety hazard with potentially perilous consequences. Recent evidence of this is the near drowning by the contract operator in 2012 while removing flashboards to lower the summer water levels for the winter season. Aside from the primary purpose of reducing the safety risk, modifying the dam stabilizes water levels for the residents of the Lake Puckaway Association and may help implement future water quality and fisheries improvement. These are the desired outcomes for both the Wisconsin Department of Natural Resources and the local public both upstream and downstream from the existing dam.

**PROJECT BUDGET:**

Construction	\$
Design	\$
Equipment	\$
DFD Mgt.	\$
Contingency	\$
<b>TOTAL</b>	<b>\$1,700,500</b>

**PROJECT SCHEDULE:**

A/E Selection	October 2016
A/E Contract	December 2016
A/E Final Deliverables	July 2017
SBC Approval	TBD
Bid Opening	TBD
Construction Start	TBD
Substantial Completion	TBD
Project Closeout	TBD

**A/E QUALIFICATIONS:** The A/E design firm for this project shall have experience in planning, design, and construction of dams and water control structures.